

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 14. (Canceled)

15. (Withdrawn) A built-up type toy having a plurality of parts of polyhedron shape equipped with joining surfaces that are joined with other joining surfaces of other parts, the built-up type toy comprising:

the parts respectively having magnet portions on the joining surfaces thereof;

wherein the magnet portion of the part and the magnet portion on the joining surface of the parts are joined with each other by magnetic force thereof,

and wherein the magnet portion comprises:

a magnet of which both magnetic poles are arranged to face directions different from each other, the magnet being installed on a magnet installation recess formed on the part; and

a separation preventing means for preventing a separation of the magnet from the magnet installation recess while allowing a rotation of the magnet in the inner space of the magnet installation recess,

wherein the separation preventing means comprises:

a rotational shaft installed on a central area between both of the magnetic poles of the magnet; and

a rotational shaft installation recess formed on an inner surface of the magnet installation recess so that the rotational shaft is parallel with an outer surface of the part.

16. (Withdrawn) The built-up type toy of claim 15, wherein the magnet is a permanent magnet of cylindrical shape.

17. (Withdrawn) A built-up type toy having a plurality of parts of polyhedron shape equipped with joining surfaces that are joined with other joining surfaces of other parts, the built-up type toy comprising:

the parts respectively having magnet portions on the joining surfaces thereof;

wherein the magnet portion of the part and the magnet portion on the joining surface of the parts are joined with each other by magnetic force thereof,

and wherein the magnet portion comprises:

a magnet of which both magnetic poles are arranged to face directions different from each other, the magnet being installed on a magnet installation recess formed on the part; and

a separation preventing means for preventing a separation of the magnet from the magnet installation recess while allowing a rotation of the magnet in the inner space of the magnet installation recess,

wherein the separation preventing means comprises:

a pair of recesses formed on surfaces opposite to each other at a central area of both poles of the magnet; and

a pair of rotational shaft protrusions formed on an inner surface of the magnet installation recess so as to be inserted into the pair of recesses while a virtual line connecting central positions of the pair of recesses to each other is in parallel with an outer surface of the part.

18. (Withdrawn) The built-up type toy of claim 17, wherein the magnet is a permanent magnet of cylindrical shape.

19. (Withdrawn) A built-up type toy having a plurality of parts of polyhedron shape equipped with joining surfaces that are joined with other joining surfaces of other parts, the built-up type toy comprising:

the parts respectively having magnet portions on the joining surfaces thereof;
wherein the magnet portion of the part and the magnet portion on the joining surface of the parts are joined with each other by magnetic force thereof,
and wherein the magnet portion comprises:
a magnet of which both magnetic poles are arranged to face directions different from each other, the magnet being installed on a magnet installation recess formed on the part; and
a separation preventing means for preventing a separation of the magnet from the magnet installation recess while allowing a rotation of the magnet in the inner space of the magnet installation recess,
wherein the separation preventing means has a hooking protrusion for preventing the separation, which is formed on an opening of the magnet installation recess, and an inner diameter of the opening formed by the hooking protrusion is narrower than a width and a length of the magnet.

20. (Withdrawn) The built-up type toy of claim 19, wherein the magnet further comprises joining protrusions on both magnetic poles thereof, of which an outer diameter is smaller than the inner diameter of the opening.

21. (Withdrawn) The built-up type toy of claim 20, wherein the magnet is a permanent magnet of cylindrical shape.

22. - 24. (Canceled)

25. (Withdrawn) A built-up type toy having a plurality of parts of polyhedron shape equipped with joining surfaces that are joined with other joining surfaces of other parts, the built-up type toy comprising:

the parts respectively having magnet portions on the joining surfaces thereof;
wherein the magnet portion of the part and the magnet portion on the joining surface of the parts are joined with each other by magnetic force thereof,
and wherein the magnet portion comprises:
a magnet of which both magnetic poles are arranged to face directions different from each other, the magnet being installed on a magnet installation recess formed on the part; and
a separation preventing means for preventing a separation of the magnet from the magnet installation recess while allowing a rotation of the magnet in the inner space of the magnet installation recess,
wherein the separation preventing means is a sealing lid for closing the opening of the magnet installation recess,
wherein the magnet installation recess and the sealing lid are formed integrally on the outer surface of the part, the magnet is inserted after cutting the part, and the separation of the magnet is prevented by attaching a plurality of cut pieces on the part,
wherein the plurality of cut pieces have shapes identical to each other.

26. (Withdrawn) The built-up type toy of claim 25, wherein the part is made of wood.

27. (Withdrawn) The built-up type toy of claim 26, wherein the magnet is a cylindrical permanent magnet or a spherical permanent magnet.

28. (Currently Amended) A built-up type toy having a plurality of parts of polyhedron shape equipped with joining surfaces that are joined with other joining surfaces of other parts, the built-up type toy comprising:

the parts respectively having magnet portions 100a on the joining surfaces thereof;

wherein the magnet portion of the part and the magnet portion on the joining surface of the parts are joined with each other by magnetic force thereof,

and wherein the magnet portion comprises:

a magnet of which both magnetic poles are arranged to face directions different from each other, the magnet being installed on a magnet installation recess formed on the part; and

a separation preventing means for preventing a separation of the magnet from the magnet installation recess while allowing a rotation of the magnet ~~110~~ in the inner space of the magnet installation recess,

wherein the separation preventing means is a magnet installation member 200a inserted into the magnet installation recess, the magnet installation member comprising:

a circumferential portion of which surface is in contact with the magnet installation recess; and

a lid portion that closes an upper opening of the circumferential portion,

wherein the magnet installation member has a shape of a cylinder of which bottom side is open.

29. (Previously Presented) The built-up type toy of claim 28, wherein the magnet is a cylindrical permanent magnet or a spherical permanent magnet.

30. (Currently Amended) A built-up type toy having a plurality of parts of polyhedron shape equipped with joining surfaces that are joined with other joining surfaces of other parts, the built-up type toy comprising:

the parts respectively having magnet portions 100a on the joining surfaces thereof;

wherein the magnet portion of the part and the magnet portion on the joining surface of the parts are joined with each other by magnetic force thereof,

and wherein the magnet portion comprises:

a magnet of which both magnetic poles are arranged to face directions different from each other, the magnet being installed on a magnet installation recess formed on the part; and

a separation preventing means for preventing a separation of the magnet from the magnet installation recess while allowing a rotation of the magnet in the inner space of the magnet installation recess,

wherein the separation preventing means is a magnet installation member inserted into the magnet installation recess, the magnet installation member comprising:

a circumferential portion of which surface is in contact with the magnet installation recess; and

a lid portion that closes an upper opening of the circumferential portion,

wherein the magnet installation member further comprises a means for fixing the magnet installation member into the magnet installation recess.

31. (Previously Presented) The built-up type toy of claim 30, wherein the magnet installation member fixing means comprises a fixing wedge portion extended downward of the circumferential portion so as to be inserted and fixed onto the bottom surface of the magnet installation recess.

32. (Previously Presented) The built-up type toy of claim 30, wherein the magnet installation member fixing means comprises a hooking protrusion formed outward on an outer surface of the circumferential portion toward the lid portion.

33. (Previously Presented) The built-up type toy of claim 32, wherein the hooking protrusion is an overall hooking protrusion formed over all area of the outer surface of the circumferential portion at a shape of a wedge.

34. (Previously Presented) The built-up type toy of claim 32, wherein the hooking protrusion is a partial hooking protrusion formed on a partial area of the outer surface of the circumferential portion.

35. (Previously Presented) The built-up type toy of claim 34, wherein the partial hooking protrusion is formed by cutting and bending a part of the circumferential portion.

36. (Previously Presented) The built-up type toy of claim 32, wherein the hooking protrusion is a lower hooking protrusion formed on a lower end area of the outer surface of the circumferential portion.

37. (Previously Presented) The built-up type toy of claim 36, further comprising a tilted portion that is tilted downward and inward from the lower hooking protrusion at a certain degree.

38. (Previously Presented) The built-up type toy of claim 37, wherein the lower hooking protrusion and the tilted portion are formed integrally with each other by bending a lower portion of the circumferential portion.

39. (Previously Presented) The built-up type toy of claim 30, wherein the magnet installation member fixing means comprises a screw thread formed on the outer surface of the circumferential portion.

40. (Previously Presented) The built-up type toy of claim 39, wherein the magnet installation member fixing means comprises a fixing tool insertion recess so formed on an upper surface of the lid portion as to insert the magnet installation member into the magnet

installation recess by rotating the magnet installation member with a magnet installation member fixing tool.

41. (Previously Presented) The built-up type toy of claim 40, wherein the fixing tool insertion recess is an insertion recess having a circular transverse section.

42. (Previously Presented) The built-up type toy of claim 41, wherein a plurality of insertion recesses having the circular transverse section are formed in a radial fashion.

43. (Previously Presented) The built-up type toy of claim 40, wherein the fixing tool insertion recess is an insertion recess having a cross-shaped transverse section.

44. (Currently Amended) The built-up type toy of ~~any one of claims 15, 17, 19, 25, 28 or~~ claim 30, wherein the magnet portion is formed on a central area of the joining surface of the part.

45. (Currently Amended) The built-up type toy of ~~any one of claims 15, 17, 19, 25, 28 or~~ claim 30, wherein a plurality of magnet portions are formed on each joining surface of the part.

46. (Previously Presented) The built-up type toy of claim 45, wherein the magnet portions are formed all of the joining surfaces of the part.

47. (Currently Amended) The built-up type toy of ~~any one of claims 15, 17, 19, 25, 28 or claim~~ 30, wherein the parts form a character, a number, a symbol, a diagram, or a certain shape on a plane thereof as the parts are joined with other parts.

48. (Currently Amended) The built-up type toy of any one of ~~claims 15, 17, 19, 25, 28 or claim~~ 30, wherein the parts are comprised of a plurality of hexahedrons having shapes and sizes identical to each other.

49. (Previously Presented) The built-up type toy of claim 48, wherein the part comprises:

a central part having a circular transverse section and having a plurality of magnet portions arranged on an outer surface thereof at a predetermined interval; and

a plurality of fragmental parts and having a fan-shaped transverse section, the fragmental parts and respectively having a magnet portion corresponding to the magnet portion on the outer surface of the central part, and magnet portions being joined with the magnet portions of other fragmental parts on both side thereof,

wherein a cylindrical shape is formed as the central part is located on a central position and inner surfaces of the plurality of fragmental parts and are joined on the outer surface of the central part.

50. (Currently Amended) The built-up type toy of ~~any one of claims 15, 17, 19, 25, 28 or claim~~ 30, wherein the parts realize a variety of three-dimensional shapes as being joined with other parts.

51. (Previously Presented) The built-up type toy of claim 50, wherein the magnet portion is formed on an edge area of the joining surfaces of the part.

52. (Previously Presented) The built-up type toy of claim 50, wherein a plurality of magnet portions are formed on each of the surface of the part.

53. (Previously Presented) The built-up type toy of claim 52, wherein the magnet portions are formed on all of the joining surfaces of the part.

54. (Currently Amended) The built-up type toy of claim 50, wherein the parts comprise:

a rotational shaft part having a shape of a bar and formed with the magnet portions on both ends thereof; and

a wheel part formed with the magnet portion 100g joined with the magnet portion 100f of the rotational shaft part on a central area thereof.

55. (Previously Presented) The built-up type toy of claim 50, wherein the parts comprise:

a fragmental part having a detached shape achieved by detaching a section from an overall shape of joined product; and

a body part having a residuary shape achieved by detaching the fragmental parts from the overall shape of the joined product.

56. - 85. (Canceled)